RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/578,590
Source: ITWP
Date Processed by STIC: 5-22-06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/578,590 **CRF Edit Date:** 5-22-06
Edited by: KC

____ **Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line**

____ **Corrected the SEQ ID NO. Sequence numbers edited were:**

_____

____ **Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:**

_____

__✓__ **Deleted:** __✓__ **invalid beginning/end-of-file text ;** ___ **page numbers**

____ **Inserted mandatory headings/numeric identifiers, specifically:**

_____

____ **Moved responses to same line as heading/numeric identifier, specifically:**

_____

____ **Other:**

_____

_____

_____

Revised 09/09/2003

IFWP

RAW SEQUENCE LISTING DATE: 05/22/2006
PATENT APPLICATION: US/10/578,590 TIME: 09:51:11

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\05222006\J578590.raw

4 <110> APPLICANT: Hurst, Deborah
5 Long, Li
6 Luqman, Mohammad
7 Lopes de Menezes, Daniel E.
8 Yabannavar, Asha
9 Zaror, Isabel
11 <120> TITLE OF INVENTION: Methods of Therapy for Cancers
12 Expressing the CD40 Antigen
14 <130> FILE REFERENCE: PP23220.001 (281250)
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/578,590
C--> 16 <141> CURRENT FILING DATE: 2006-05-03
16 <150> PRIOR APPLICATION NUMBER: 60/565,710
17 <151> PRIOR FILING DATE: 2004-04-27
19 <150> PRIOR APPLICATION NUMBER: 60/525,579
20 <151> PRIOR FILING DATE: 2003-11-26
22 <150> PRIOR APPLICATION NUMBER: 60/517,337
23 <151> PRIOR FILING DATE: 2003-11-04
25 <160> NUMBER OF SEQ ID NOS: 18
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 720
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Coding sequence for light chain of CHIR-12.12
36 human anti-CD40 antibody
W--> 39 <221> NAME/KEY: CDS
40 <222> LOCATION: (1)...(720)
W--> 42 <400> 1
43 atg gcg ctc cct gct cag ctc ctg ggg ctg cta atg ctc tgg gtc tct 48
44 Met Ala Leu Pro Ala Gln Leu Leu Gly Leu Leu Met Leu Trp Val Ser
45 1 5 10 15
47 gga tcc agt ggg gat att gtg atg act cag tct cca ctc tcc ctg acc 96
48 Gly Ser Ser Gly Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Thr
49 20 25 30
51 gtc acc cct gga gag ccg gcc tcc atc tcc tgc agg tcc agt cag agc 144
52 Val Thr Pro Gly Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser
53 35 40 45
55 ctc ctg tat agt aat gga tac aac tat ttg gat tgg tac ctg cag aag 192
56 Leu Leu Tyr Ser Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys
57 50 55 60
59 cca ggg cag tct cca cag gtc ctg atc tct ttg ggt tct aat cgg gcc 240
60 Pro Gly Gln Ser Pro Gln Val Leu Ile Ser Leu Gly Ser Asn Arg Ala

RAW SEQUENCE LISTING DATE: 05/22/2006
PATENT APPLICATION: US/10/578,590 TIME: 09:51:11

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\05222006\J578590.raw

```
61  65                  70                  75                  80
63 tcc ggg gtc cct gac agg ttc agt ggc agt gga tca ggc aca gat ttt   288
64 Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe
65                  85                  90                  95
67 aca ctg aaa atc agc aga gtg gag gct gag gat gtt ggg gtt tat tac   336
68 Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr
69              100                 105                 110
71 tgc atg caa gct cga caa act cca ttc act ttc ggc cct ggg acc aaa   384
72 Cys Met Gln Ala Arg Gln Thr Pro Phe Thr Phe Gly Pro Gly Thr Lys
73          115                 120                 125
75 gtg gat atc aga cga act gtg gct gca cca tct gtc ttc atc ttc ccg   432
76 Val Asp Ile Arg Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro
77      130                 135                 140
79 cca tct gat gag cag ttg aaa tct gga act gcc tct gtt gtg tgc ctg   480
80 Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu
81 145                 150                 155                 160
83 ctg aat aac ttc tat ccc aga gag gcc aaa gta cag tgg aag gtg gat   528
84 Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp
85                  165                 170                 175
87 aac gcc ctc caa tcg ggt aac tcc cag gag agt gtc aca gag cag gac   576
88 Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp
89              180                 185                 190
91 agc aag gac agc acc tac agc ctc agc agc acc ctg acg ctg agc aaa   624
92 Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys
93          195                 200                 205
95 gca gac tac gag aaa cac aaa gtc tac gcc tgc gaa gtc acc cat cag   672
96 Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln
97      210                 215                 220
99 ggc ctg agc tcg ccc gtc aca aag agc ttc aac agg gga gag tgt tag   720
100 Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys  *
101 225                 230                 235
105 <210> SEQ ID NO: 2
106 <211> LENGTH: 239
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Light chain of CHIR-12.12 human anti-CD40 antibody
113 <400> SEQUENCE: 2
114 Met Ala Leu Pro Ala Gln Leu Leu Gly Leu Leu Met Leu Trp Val Ser
115  1               5                  10                  15
116 Gly Ser Ser Gly Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Thr
117             20                  25                  30
118 Val Thr Pro Gly Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser
119         35                  40                  45
120 Leu Leu Tyr Ser Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys
121     50                  55                  60
122 Pro Gly Gln Ser Pro Gln Val Leu Ile Ser Leu Gly Ser Asn Arg Ala
123 65                  70                  75                  80
124 Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe
```

RAW SEQUENCE LISTING DATE: 05/22/2006
PATENT APPLICATION: **US/10/578,590** TIME: 09:51:11

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\05222006\J578590.raw**

```
125                 85                  90                  95
126 Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr
127             100                 105                 110
128 Cys Met Gln Ala Arg Gln Thr Pro Phe Thr Phe Gly Pro Gly Thr Lys
129         115                 120                 125
130 Val Asp Ile Arg Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro
131     130                 135                 140
132 Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu
133 145                 150                 155                 160
134 Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp
135                 165                 170                 175
136 Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp
137             180                 185                 190
138 Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys
139         195                 200                 205
140 Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln
141     210                 215                 220
142 Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
143 225                 230                 235
146 <210> SEQ ID NO: 3
147 <211> LENGTH: 2016
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Coding sequence for heavy chain of CHIR-12.12
153       human anti-CD40 antibody (with introns)
156 <400> SEQUENCE: 3
157 atggagtttg ggctgagctg ggttttcctt gttgctattt taagaggtgt ccagtgtcag 60
158 gtgcagttgg tggagtctgg gggaggcgtg gtccagcctg ggaggtccct gagactctcc 120
159 tgtgcagcct ctggattcac cttcagtagc tatggcatgc actgggtccg ccaggctcca 180
160 ggcaaggggc tggagtgggt ggcagttata tcatatgagg aaagtaatag ataccatgca 240
161 gactccgtga agggccgatt caccatctcc agagacaatt ccaagatcac gctgtatctg 300
162 caaatgaaca gcctcagaac tgaggacacg gctgtgtatt actgtgcgag agatgggggt 360
163 atagcagcac ctgggcctga ctactggggc cagggaaccc tggtcaccgt ctcctcagca 420
164 agtaccaagg gcccatccgt cttccccctg gcgcccgcta gcaagagcac ctctgggggc 480
165 acagcggccc tgggctgcct ggtcaaggac tacttccccg aaccggtgac ggtgtcgtgg 540
166 aactcaggcg ccctgaccag cggcgtgcac accttcccgg ctgtcctaca gtcctcagga 600
167 ctctactccc tcagcagcgt ggtgaccgtg ccctccagca gcttgggcac ccagacctac 660
168 atctgcaacg tgaatcacaa gcccagcaac accaaggtgg acaagagagt tggtgagagg 720
169 ccagcacagg gagggagggt gtctgctgga agccaggctc agcgctcctg cctggacgca 780
170 tcccggctat gcagtcccag tccagggcag caaggcaggc cccgtctgcc tcttcacccg 840
171 gaggcctctg cccgccccac tcatgctcag ggagagggtc ttctggcttt ttccccaggc 900
172 tctgggcagg cacaggctag gtgcccctaa cccaggccct gcacacaaag gggcaggtgc 960
173 tgggctcaga cctgccaaga gccatatccg ggaggaccct gcccctgacc taagcccacc 1020
174 ccaaaggcca aactctccac tccctcagct cggacacctt ctctcctccc agattccagt 1080
175 aactcccaat cttctctctg cagagcccaa atcttgtgac aaaactcaca catgcccacc 1140
176 gtgcccaggt aagccagccc aggcctcgcc ctccagctca aggcgggaca ggtgccctag 1200
177 agtagcctgc atccagggac aggccccagc cgggtgctga cacgtccacc tccatctctt 1260
178 cctcagcacc tgaactcctg gggggaccgt cagtcttcct cttccccccа aaacccaagg 1320
```

RAW SEQUENCE LISTING DATE: 05/22/2006
PATENT APPLICATION: US/10/578,590 TIME: 09:51:11

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\05222006\J578590.raw

```
179 acaccctcat gatctcccgg acccctgagg tcacatgcgt ggtggtggac gtgagccacg 1380
180 aagaccctga ggtcaagttc aactggtacg tggacggcgt ggaggtgcat aatgccaaga 1440
181 caaagccgcg ggaggagcag tacaacagca cgtaccgtgt ggtcagcgtc ctcaccgtcc 1500
182 tgcaccagga ctggctgaat ggcaaggagt acaagtgcaa ggtctccaac aaagccctcc 1560
183 cagccccat cgagaaaacc atctccaaag ccaaaggtgg gacccgtggg gtgcgagggc 1620
184 cacatggaca gaggccggct cggcccaccc tctgccctga gagtgaccgc tgtaccaacc 1680
185 tctgtcccta cagggcagcc ccgagaacca caggtgtaca ccctgccccc atcccgggag 1740
186 gagatgacca agaaccaggt cagcctgacc tgcctggtca aaggcttcta tcccagcgac 1800
187 atcgccgtgg agtgggagag caatgggcag ccggagaaca actacaagac cacgcctccc 1860
188 gtgctggact ccgacggctc cttcttcctc tatagcaagc tcaccgtgga caagagcagg 1920
189 tggcagcagg ggaacgtctt ctcatgctcc gtgatgcatg aggctctgca caaccactac 1980
190 acgcagaaga gcctctccct gtctccgggt aaatga                          2016
```

```
192 <210> SEQ ID NO: 4
193 <211> LENGTH: 469
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Heavy chain of CHIR-12.12 human anti-CD40 antibody
200 <400> SEQUENCE: 4
201 Met Glu Phe Gly Leu Ser Trp Val Phe Leu Val Ala Ile Leu Arg Gly
202  1               5                  10                  15
203 Val Gln Cys Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln
204             20                  25                  30
205 Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
206         35                  40                  45
207 Ser Ser Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
208     50                  55                  60
209 Glu Trp Val Ala Val Ile Ser Tyr Glu Glu Ser Asn Arg Tyr His Ala
210 65                  70                  75                  80
211 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Ile
212                 85                  90                  95
213 Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr Glu Asp Thr Ala Val
214             100                 105                 110
215 Tyr Tyr Cys Ala Arg Asp Gly Gly Ile Ala Ala Pro Gly Pro Asp Tyr
216         115                 120                 125
217 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly
218     130                 135                 140
219 Pro Ser Val Phe Pro Leu Ala Pro Ala Ser Lys Ser Thr Ser Gly Gly
220 145                 150                 155                 160
221 Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val
222                 165                 170                 175
223 Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe
224             180                 185                 190
225 Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val
226         195                 200                 205
227 Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val
228     210                 215                 220
229 Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Pro Lys
230 225                 230                 235                 240
```

RAW SEQUENCE LISTING DATE: 05/22/2006
PATENT APPLICATION: US/10/578,590 TIME: 09:51:11

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\05222006\J578590.raw

```
231 Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu
232                 245                 250                 255
233 Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr
234             260                 265                 270
235 Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val
236         275                 280                 285
237 Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val
238     290                 295                 300
239 Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser
240 305                 310                 315                 320
241 Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu
242                 325                 330                 335
243 Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala
244             340                 345                 350
245 Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro
246         355                 360                 365
247 Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu Met Thr Lys Asn Gln
248     370                 375                 380
249 Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala
250 385                 390                 395                 400
251 Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr
252                 405                 410                 415
253 Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu
254             420                 425                 430
255 Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser
256         435                 440                 445
257 Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser
258     450                 455                 460
259 Leu Ser Pro Gly Lys
260 465
263 <210> SEQ ID NO: 5
264 <211> LENGTH: 469
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Heavy chain of variant of CHIR-12.12 human
270       anti-CD40 antibody
273 <400> SEQUENCE: 5
274 Met Glu Phe Gly Leu Ser Trp Val Phe Leu Val Ala Ile Leu Arg Gly
275  1               5                  10                  15
276 Val Gln Cys Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln
277             20                  25                  30
278 Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
279         35                  40                  45
280 Ser Ser Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
281     50                  55                  60
282 Glu Trp Val Ala Val Ile Ser Tyr Glu Glu Ser Asn Arg Tyr His Ala
283 65                  70                  75                  80
284 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Ile
```

VERIFICATION SUMMARY DATE: 05/22/2006
PATENT APPLICATION: **US/10/578,590** TIME: 09:51:12

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\05222006\J578590.raw**

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:42 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:534 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:635 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:766 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:849 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:921 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:924 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17

Raw Sequence Listing before editing
(for reference only)

IFWP

RAW SEQUENCE LISTING DATE: 05/17/2006
PATENT APPLICATION: **US/10/578,590** TIME: 10:16:54

Input Set : **A:\sequence listing.txt**
Output Set: **N:\CRF4\05172006\J578590.raw**

4 <110> APPLICANT: Hurst, Deborah
5 Long, Li
6 Luqman, Mohammad
7 Lopes de Menezes, Daniel E.
8 Yabannavar, Asha
9 Zaror, Isabel
11 <120> TITLE OF INVENTION: Methods of Therapy for Cancers
12 Expressing the CD40 Antigen
14 <130> FILE REFERENCE: PP23220.001 (281250)
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/578,590
C--> 16 <141> CURRENT FILING DATE: 2006-05-03
16 <150> PRIOR APPLICATION NUMBER: 60/565,710
17 <151> PRIOR FILING DATE: 2004-04-27
19 <150> PRIOR APPLICATION NUMBER: 60/525,579
20 <151> PRIOR FILING DATE: 2003-11-26
22 <150> PRIOR APPLICATION NUMBER: 60/517,337
23 <151> PRIOR FILING DATE: 2003-11-04
25 <160> NUMBER OF SEQ ID NOS: 18
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed
(pg. 2)

ERRORED SEQUENCES

962 <210> SEQ ID NO: 18
963 <211> LENGTH: 132
964 <212> TYPE: PRT
965 <213> ORGANISM: Artificial Sequence
967 <220> FEATURE:
968 <223> OTHER INFORMATION: des-alanyl 1, C125S human IL-2 mutein
970 <400> SEQUENCE: 18
971 Pro Thr Ser Ser Ser Thr Lys Lys Thr Gln Leu Gln Leu Glu His Leu
972 1 5 10 15
973 Leu Leu Asp Leu Gln Met Ile Leu Asn Gly Ile Asn Asn Tyr Lys Asn
974 20 25 30
975 Pro Lys Leu Thr Arg Met Leu Thr Phe Lys Phe Tyr Met Pro Lys Lys
976 35 40 45
977 Ala Thr Glu Leu Lys His Leu Gln Cys Leu Glu Glu Glu Leu Lys Pro
978 50 55 60
979 Leu Glu Glu Val Leu Asn Leu Ala Gln Ser Lys Asn Phe His Leu Arg
980 65 70 75 80
981 Pro Arg Asp Leu Ile Ser Asn Ile Asn Val Ile Val Leu Glu Leu Lys
982 85 90 95
983 Gly Ser Glu Thr Thr Phe Met Cys Glu Tyr Ala Asp Glu Thr Ala Thr

RAW SEQUENCE LISTING DATE: 05/17/2006
PATENT APPLICATION: **US/10/578,590** TIME: 10:16:54

Input Set : **A:\sequence listing.txt**
Output Set: **N:\CRF4\05172006\J578590.raw**

```
    984                 100                 105                 110
    985 Ile Val Glu Phe Leu Asn Arg Trp Ile Thr Phe Ser Gln Ser Ile Ile
    986         115                 120                 125
    987 Ser Thr Leu Thr
    988     130
E--> 990 15
```

deleted

VERIFICATION SUMMARY DATE: 05/17/2006
PATENT APPLICATION: **US/10/578,590** TIME: 10:16:55

Input Set : **A:\sequence listing.txt**
Output Set: **N:\CRF4\05172006\J578590.raw**

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:42 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:534 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:635 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:766 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:849 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:921 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:924 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:990 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18